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1 IS&R	L1	1283	(382/190,209,305) .CCLS	USPAT	2004/11/1 9 08:07			
2 BRS	L2	44049	(form\$1 or document\$1 or slip or bill\$1 or coupon\$1) same pattern\$1 same (template\$1 or predetermined or model\$1 or reference or prestored)	USPAT	2004/11/1 9 08:14			
3 BRS	L3	3680	2 same (collat\$3 or compar\$6)	USPAT	2004/11/1 9 08:11			
4 BRS	L4	1024	3 same (match\$3 or recogn\$6 or identif\$6)	USPAT	2004/11/1 9 08:09			
5 BRS	L5	72	4 same search\$3	USPAT	2004/11/1 9 08:10			
6 BRS	L7	0	1 and 6	USPAT	2004/11/1 9 08:10			
7 BRS	L6	15	5 same (mov\$3 or shift\$3)	USPAT	2004/11/1 9 08:10			
8 BRS	L8	188	2 same (collat\$3 or compar\$6) near5 result\$1)	USPAT	2004/11/1 9 08:11			
9 BRS	L9	2	1 and 8	USPAT	2004/11/1 9 08:11			

	Type	L #	Hits	Search Text	DBs	Time Stamp	Comments	Error Definition	Errors
10	BRS	L10	17777	(form\$1 or document\$1 or slip or bill\$1 or coupon\$1) same (pattern\$1 near5 (template\$1 or predetermined or model\$1 or reference or prestored))	USPAT	2004/11/1 9 08:14			
11	BRS	L11	18	10 same (search\$3 near5 image\$1)	USPAT	2004/11/1 9 08:15			
12	BRS	L12	2	1 and 11	USPAT	2004/11/1 9 08:18			
13	IS&R	L13	0	("search\$3with(mov\$3or shift\$3)with(collat\$30 rcompar\$6)".) .PN.	USPAT	2004/11/1 9 08:19			
14	BRS	L14	71	3 and (search\$3 near10 (shift\$3 or mov\$3))	USPAT	2004/11/1 9 08:34			
15	IS&R	L15	335	(382/181) .CCLS .	USPAT	2004/11/1 9 08:34			
16	BRS	L16	1	1 and 14	USPAT	2004/11/1 9 08:35			
17	BRS	L17	2	14 and 15	USPAT	2004/11/1 9 08:41			
18	BRS	L18	3303	((pre-determined or predetermined or prestored) near3 pattern\$1) same (identif\$5 or recogn\$6)	USPAT	2004/11/1 9 08:43			
19	BRS	L19	547	18 same (area\$1 or region\$1)	USPAT	2004/11/1 9 08:43			

Type	L #	Hits	Search Text	DBs	Time Stamp	Comments	Error Definition	Errors
20	BRS	L20	160	19 same image\$1	USPAT 9 08:44	2004/11/1		
21	BRS	L21	21381	"0" same (search\$3 or find\$3)	USPAT 9 08:44	2004/11/1		
22	BRS	L22	14	20 same (search\$3 or Find\$3)	USPAT 9 08:46	2004/11/1		
23	BRS	L23	2830	(search\$3 near10 (mov\$3 or step\$5 or shift\$3) same image\$1	USPAT 9 08:47	2004/11/1		
24	BRS	L24	11154	23 same (search\$3 near3 (pattern\$1 or image\$1))	USPAT 9 08:47	2004/11/1		
25	BRS	L25	351	24 same (match\$3 or compar\$7 or collat\$3)	USPAT 9 08:48	2004/11/1		
26	BRS	L26	82	25 same ((predetermin\$3 or prestored or reference) near5 (pattern or image\$1))	USPAT 9 08:49	2004/11/1		
27	BRS	L27	17	1 and 26	USPAT 9 09:14	2004/11/1		
28	ISS&R	L28	468	(382/305) .CCLS.	USPAT 9 09:14	2004/11/1		
29	BRS	L29	393	shift\$3 with search\$3 with (pattern\$1 or image\$1)	USPAT 9 09:35	2004/11/1		
30	BRS	L30	2	28 and 29	USPAT 9 09:16	2004/11/1		
31	ISS&R	L31	459	(382/209) .CCLS.	USPAT 9 09:17	2004/11/1		

Type	L #	Hits	Search Text	DBs	Time Stamp	Comments	Error Definition	Errors
32	IS&R	L32	0 ("29and31") .PN.	USPAT	2004/11/1 9 09:17			
33	IS&R	L33	0 ("29and31") .PN.	USPAT	2004/11/1 9 09:17			
34	BRS	L34	10 29 and 31	USPAT	2004/11/1 9 09:23			
35	BRS	L35	3339 (pattern\$1 near3 (prestored or predetermined)) with (compar\$6 or collat\$3 or match\$3)	USPAT	2004/11/1 9 09:24			
36	BRS	L36	0 35 same ((extract\$3 or cut\$5) near10 (first or second) near10 (region\$1 or area\$1))	USPAT	2004/11/1 9 09:27			
37	BRS	L37	472 35 same (region\$1 or area\$1)	USPAT	2004/11/1 9 09:28			
38	BRS	L38	15 37 same search\$3	USPAT	2004/11/1 9 09:31			
39	BRS	L39	3 (stepping near1 through) and mariam	USPAT	2004/11/1 9 09:33			
40	BRS	L40	123 (compar\$6 near10 (predetermin\$3 near1 pattern\$1) same (identif\$5 or recogn\$6)	USPAT	2004/11/1 9 09:34			
41	BRS	L41	264 target same pattern\$1 same search\$3 same (image or form\$1 or document\$1)	USPAT	2004/11/1 9 09:35			

Type	L #	Hits	Search Text	DBs	Time Stamp	Comment s	Error Definition	Err ors
4.2	BRS	L42	91 41 same (collat\$3 or compar\$6 or match\$3) 42 and ((shift\$3 or mov\$3) near10 search\$3)	USPAT	2004/11/1 9 09:35			
4.3	BRS	L43	12 USPAT	2004/11/1 9 09:38				
4.4	BRS	L44	889 (compar\$6 near3 result\$1) same ((identif\$5 or recogn\$6) near10 (image or pattern\$1 or document\$1 or form\$1))	USPAT	2004/11/1 9 09:40			
4.5	BRS	L45	47 44 same search\$3	USPAT	2004/11/1 9 09:40			
4.6	BRS	L46	12 45 same (area\$1 or region\$1 or section\$1)	USPAT	2004/11/1 9 09:41			
4.7	IS&R	L47	459 (382/209) .CCLS.	USPAT	2004/11/1 9 09:49			
4.8	BRS	L48	33 (search near3 image) near5 shift\$3	USPAT	2004/11/1 9 09:49			
4.9	BRS	L49	10 48 same (match\$3 or compar\$6 or collat\$4)	USPAT	2004/11/1 9 10:02			
50	BRS	L50	980 ((second or first or initial) near3 (compar\$6 or match\$3 or collat\$3)) same pattern\$1 same image\$1	USPAT	2004/11/1 9 10:04			
51	BRS	L51	152 50 same (identif\$5 or recogn\$6)	USPAT	2004/11/1 9 10:05			

Type	L #	Hits	Search Text	DBS	Time Stamp	Comments	Error Definition	Errors
52	BRS	L52	18 1 and 51	USPAT	2004/11/1 9 10:20			
53	BRS	L53	3 (search adj engine) and mariam	USPAT	2004/11/1 9 10:21			
54	BRS	L54	5 search\$3 and cognex and mariam	USPAT	2004/11/1 9 11:20			
55	BRS	L55	1 "6584224" .pn.	USPAT	2004/11/1 9 11:20			
56	BRS	L56	122 (result\$1 near3 (compar\$6 or match\$3)) with (cut\$5 or extract\$4) with (area\$1 or region\$1)	USPAT	2004/11/1 9 12:01			
57	BRS	L57	59 56 same (reference or template or prestored or predetermined)	USPAT	2004/11/1 9 12:02			
58	BRS	L58	34 57 same image\$1	USPAT	2004/11/1 9 12:02			
59	BRS	L59	10 56 same (reference or template or prestored or predetermined) near5 pattern\$1	USPAT	2004/11/1 9 12:02			
60	BRS	L60	10 56 same (reference or template or prestored or predetermined) near5 pattern\$1)	USPAT	2004/11/1 9 12:08			
61	BRS	L61	47 slip adj identif\$8	USPAT	2004/11/1 9 12:09			
62	BRS	L62	1 61 and nec	USPAT	2004/11/1 9 13:30			

Type	L #	Hits	Search Text	DBS	Time Stamp	Comments	Error Definition	Errors
63	BRS	L63	title same extract\$3 same retrieve\$3	USPAT	2004/11/1 9 13:30			
64	BRS	L64	3 63 and ruled adj lines	USPAT	2004/11/1 9 13:30			

	Type	L #	Hits	Search Text	DBS	Time Stamp	Comment s	Error Definition	Err ors
1	IS&R	L1	2382	(382/137-140,159,165,202,209,218,305,306) .CCLS.	USPAT	2004/11/22 11:36			
2	IS&R	L2	1115	(707/6) .CCLS.	USPAT	2004/11/22 11:36			
3	IS&R	L3	372	(715/506,517) .CCLS.	USPAT	2004/11/22 11:36			
4	BRS	L4	35697 8	(form\$1 or document\$1 or slip\$1 or book\$1) same (match\$3 or compar\$6 or collat\$3)	USPAT	2004/11/22 11:40			
5	BRS	L5	22118	4 same image\$1	USPAT	2004/11/22 11:37			
6	BRS	L6	8715	5 same (pattern\$1 or characteristic\$1 or symbol\$1 or indici\$2 or character\$1 or line\$1)	USPAT	2004/11/22 11:38			
7	BRS	L7	945	5 same ((prestor\$3 or stored or predetermin\$2 or pre-stor\$3 or predetermin\$2) near5 (pattern\$1 or characteristic\$1 or symbol\$1 or indici\$2 or character\$1 or line\$1))	USPAT	2004/11/22 11:39			
8	BRS	L9	84	7 same (result\$4 near5 (match\$3 or compar\$6 or collat\$3))	USPAT	2004/11/22 11:41			

Type	L #	Hits	Search Text	DBs	Time Stamp	Comments	Error Definition	Errors
9	BRS	L10	12 1 and 9	USPAT	2004/11/22 11:41			

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L19 same (recogn\$6 or identif\$7)	18

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side by side		result set
<i>DB=USPT; PLUR=YES; OP=ADJ</i>		
<u>L1</u> pattern near3 identif\$7	13003	<u>L1</u>
<u>L2</u> L1 same ((compar\$6 or match\$3 or collat\$3) near5 pattern near10 image)	211	<u>L2</u>
<u>L3</u> L2 same ((predtermin\$3 or prestored or stored or reference or template or standard) near3 pattern)	81	<u>L3</u>
<u>L4</u> L3 same (area or region or section)	30	<u>L4</u>
<u>L5</u> L4 same search\$3	4	<u>L5</u>
<u>L6</u> (search\$3 near1 (image or area or window)) same (pattern or image) same (match\$3 or compar\$6 or collat\$3)	1106	<u>L6</u>
<u>L7</u> L6 same (recursiv\$3 or iterativ\$5 or repetitiv\$3 or repeat\$5)	118	<u>L7</u>
<u>L8</u> L7 same (identif\$7 or recogn\$6)	28	<u>L8</u>
<u>L9</u> (second near3 (match\$3 or compar\$6 or collat\$3)) same pattern	3654	<u>L9</u>
<u>L10</u> l9 same ((first or initial) near3 (match\$3 or compar\$6 or collat\$3))	1743	<u>L10</u>
<u>L11</u> L10 same (identif\$9 or recogn\$6)	262	<u>L11</u>

<u>L12</u>	L11 same image	41	<u>L12</u>
<u>L13</u>	L12 same search\$3	5	<u>L13</u>
<u>L14</u>	predetermined pattern same (identif\$7 or recogn\$6)	1486	<u>L14</u>
<u>L15</u>	L14 same ((match\$3 or compar\$6 or collat\$3) near3 result)	15	<u>L15</u>
<u>L16</u>	(search\$3 near3 (area or region)) same (match\$3 or compar\$6 or collat\$3)	2082	<u>L16</u>
<u>L17</u>	L16 same pattern	544	<u>L17</u>
<u>L18</u>	L17 same (target or template or predetermined or prestored or known)	97	<u>L18</u>
<u>L19</u>	L18 same image	59	<u>L19</u>
<u>L20</u>	L19 same (recogn\$6 or identif\$7)	18	<u>L20</u>

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Search:

L15

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side by side				
<u>L1</u>	DB=USPT,EPAB,JPAB,DWPI; PLUR=YES; OP=ADJ	search\$3 same (pattern or document) same image same (collat\$3 or compar\$6 or match\$3) same (mov\$3 or shift\$3)	188	<u>L1</u>
<u>L2</u>		L1 same ((predetermin\$3 or pre-determined or predefined or template or model or reference) near4 (shift\$3 or mov\$3))	35	<u>L2</u>
<u>L3</u>		L2 same (identif\$5 or recogn\$6)	7	<u>L3</u>
<u>L4</u>		amount same search\$3 same shift\$3	749	<u>L4</u>
<u>L5</u>		L4 and mariam	3	<u>L5</u>
<u>L6</u>		search\$3 with (image or pattern) with (collat\$3 or compar\$6) with (shift\$3 or mov\$3)	170	<u>L6</u>
<u>L7</u>		L6 same (template or predetermined or prestored or reference or template or model)	77	<u>L7</u>
<u>L8</u>		L7 same (recogn\$6 or identif\$7)	6	<u>L8</u>
<u>L9</u>		(predetermined near1 pattern) same search\$3 same (shift\$3 or mov\$3)	34	<u>L9</u>

<u>L10</u>	L9 same (compar\$6 or collat\$3 or match\$3)	11	<u>L10</u>
	<i>DB=USPT; PLUR=YES; OP=ADJ</i>		
	(area or region) same ((pattern or document or form or slip or bill) near5 (recogn\$6 or identif\$6)) same ((template or prestored or predefined or predetermined or model or reference) near4 (pattern or document or form or slip or bill))	997	<u>L11</u>
<u>L12</u>	L11 same (collat\$3 or compar\$6 or match\$3)	296	<u>L12</u>
<u>L13</u>	L12 same ((collat\$3 or compar\$6 or match\$3) near3 (result or multiple or plural\$5 or second))	29	<u>L13</u>
<u>L14</u>	L13 and ((shift\$3 or mov\$3) near10 serch\$3)	0	<u>L14</u>
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(pattern* <near/9> (identif* or recogn*)) <paragraph> ((Search Check to search within this result set

Results Key:

JNL = Journal or Magazine **CNF** = Conference **STD** = Standard**1 On the algorithmic implementation of stochastic discrimination***Kleinberg, E.M.;*

Pattern Analysis and Machine Intelligence, IEEE Transactions on , Volume: 22 , Issue: 5 , May 2000

Pages:473 - 490

[\[Abstract\]](#) [\[PDF Full-Text \(612 KB\)\]](#) IEEE JNL**2 Fast computation of the discrete Walsh and Hadamard transforms***Sundararajan, D.; Ahmad, M.O.;*

Image Processing, IEEE Transactions on , Volume: 7 , Issue: 6 , June 1998

Pages:898 - 904

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5 MRF solutions for probabilistic optical flow formulations

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6 Improved degraded document recognition with hybrid modeling techniques and character n-grams

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7 Function approximator design using genetic algorithms

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Evolutionary Computation, 1997., IEEE International Conference on , 13-16 A 1997

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8 Callback implementations in C++

Jakubik, P.;

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Proceedings , 28 July-1 Aug. 1997

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9 A systematic approach to classifier selection on combining multiple classifiers for handwritten digit recognition

Jongryeol Kim; Kukhwan Seo; Kyusik Chung;

Document Analysis and Recognition, 1997., Proceedings of the Fourth Interna Conference on , Volume: 2 , 18-20 Aug. 1997

Pages:459 - 462 vol.2

[Abstract] [PDF Full-Text (412 KB)] IEEE CNF

10 A data reduction method for efficient document skew estimation based on Hough transformation

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Pages:732 - 736 vol.3

[Abstract] [PDF Full-Text (376 KB)] IEEE CNF

11 Page segmentation based on thinning of background

Kise, K.; Yanagida, O.; Takamatsu, S.;

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Pages:788 - 792 vol.3

[Abstract] [PDF Full-Text (476 KB)] IEEE CNF

12 Word spotting in Chinese document images without layout analysis

Yue Lu; Chew Lim Tan;

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Pages:57 - 60 vol.3

[Abstract] [PDF Full-Text (313 KB)] IEEE CNF

13 Trainable table location in document images

Cesarini, F.; Marinai, S.; Sarti, L.; Soda, G.;

Pattern Recognition, 2002. Proceedings. 16th International Conference on , Volume: 3 , 11-15 Aug. 2002

Pages:236 - 240 vol.3

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14 On-line handwritten signature verification using wavelets and back propagation neural networks

Lejtman, D.Z.; George, S.E.;

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[Abstract] [PDF Full-Text (344 KB)] IEEE CNF

15 Segmenting document images using diagonal white runs and vertical edges

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[Abstract] [PDF Full-Text (488 KB)] IEEE CNF

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